WHAT IS CLAIMED IS:

1. A method to verify the recipient of a delivered article, wherein:

the biometrics data presented by a person who made an delivery order for an article when said delivery order was made is
5   matched with the biometrics data presented by a person who is to receive delivered said article when said article is delivered.

2. A method to verify the recipient of a delivered article, wherein:

the biometrics data presented by a person who made an delivery order for an article when said delivery order was made is
5   transmitted to the destination of said article, and said biometrics data presented by said person who made said delivery order is matched with the biometrics data presented by a person who is to receive delivered said article when said article is delivered at said destination.

3. A method to verify the recipient of a delivered article, wherein:

the biometrics data presented by a person who made an delivery order for an article when said delivery order was made is stored
5   in a portable terminal carrying by a delivery person who delivers said article, and said biometrics data presented by said person who made said delivery order is matched with the biometrics data presented by a person who is to receive delivered said article by using said portable terminal when said article is delivered at the place where said article is delivered.

4. A method to verify the recipient of a delivered article, wherein:

the biometrics data presented by a person who made an

delivery order for an article when said delivery order was made is

5   matched with the biometrics data presented by a person who is to receive delivered said article at the destination of said article.

     5.   A method to verify the recipient of a delivered article in accordance with claim 1, wherein:

     said biometrics data presented by said person who made said delivery order is encrypted by using a secret code inputted by said person

5   who made said delivery order, and encrypted said biometrics data is decrypted by using a secret code inputted by said person who is to receive delivered said article when said article is delivered, and said decrypted biometrics data is matched with said biometrics data presented by said person who is to receive delivered said article.

     6.   A method to verify the recipient of a delivered article in accordance with claim 2, wherein:

     said biometrics data presented by said person who made said delivery order is encrypted by using a secret code inputted by said person

5   who made said delivery order and encrypted said biometrics data is transmitted to the destination of said article from an ordering terminal, and transmitted encrypted said biometrics data is decrypted by using a secret code inputted by said person who is to receive delivered said article when said article is delivered, and said decrypted biometrics data

10   is matched with said biometrics data presented by said person who is to receive delivered said article when said article is delivered at said destination.

     7.   A method to verify the recipient of a delivered article in accordance with claim 3, wherein:

     said biometrics data presented by said person who made said

delivery order is encrypted by using a secret code inputted by said person

5 who made said delivery order and encrypted said biometrics data is transmitted from an ordering terminal and stored in said portable terminal, and transmitted encrypted said biometrics data is decrypted by using a secret code inputted to said portable terminal by said person who is to receive delivered said article when said article is delivered, and said

10 decrypted biometrics data is matched with said biometrics data presented by said person who is to receive delivered said article when said article is delivered at said place where said article is delivered.

8. A method to verify the recipient of a delivered article in accordance with claim 4, wherein:

said biometrics data presented by said person who made said delivery order is encrypted by using a secret code inputted by said person

5 who made said delivery order, and encrypted said biometrics data is decrypted by using a secret code inputted by said person who is to receive delivered said article at the destination of said article, and said decrypted biometrics data is matched with said biometrics data presented by said person who is to receive delivered said article at said

10 destination of said article.

9. A method to verify the recipient of a delivered article in accordance with claim 1, wherein:
said biometrics data is a fingerprint.

10. A method to verify the recipient of a delivered article in accordance with claim 2, wherein:
said biometrics data is a fingerprint.

11. A method to verify the recipient of a delivered article in

accordance with claim 3, wherein:

said biometrics data is a fingerprint.

12. A method to verify the recipient of a delivered article in accordance with claim 4, wherein:

said biometrics data is a fingerprint.

13. A method to deliver an article to a recipient, wherein:

the biometrics data of a person who is to receive an article is required to input when said article is delivered.

14. A method to deliver an article to a recipient, wherein:

the biometrics data presented by a person who made an delivery order for an article when said delivery order was made is matched with the biometrics data presented by a person who is to receive

5   delivered said article when said article is delivered, and the matched result is shown to a person who delivers said article.

15. A method to deliver an article to a recipient, wherein:

the biometrics data presented by a person who made an delivery order for an article when said delivery order was made is transmitted to the destination of said article, and said biometrics data

5   presented by said person who made said delivery order is matched with the biometrics data presented by a person who is to receive delivered said article when said article is delivered at said destination, and the matched result is shown to a person who delivers said article.

16. A method to deliver an article to a recipient, wherein:

the biometrics data presented by a person who made an delivery order for an article when said delivery order was made is stored

in a portable terminal carrying by a delivery person who delivers said

5   article, and said biometrics data presented by said person who made said

delivery order is matched with the biometrics data presented by a person

who is to receive delivered said article by using said portable terminal

when said article is delivered at the place where said article is delivered,

and the matched result is shown to said delivery person.

       17.   A method to deliver an article to a recipient comprising

the step of:

       inputting the biometrics data of a person who made an order

for an article to an ordering terminal when said order was made;

5   transmitting said biometrics data of said person who made

said order to an electronic commerce (EC) server from said inputting

terminal;

       inputting the biometrics data of a person who is to receive

delivered said article to a person verifying terminal placed at the

10   destination of said article when said article is delivered;

       transmitting said biometrics data of said person who is to

receive delivered said article to said EC server from said person verifying

terminal;

       matching said biometrics data of said person who is to receive

15   delivered said article with said biometrics data of said person who made

said order for said article at said EC server;

       transmitting the matched result of said two biometrics data to

said person verifying terminal from said EC server; and

       showing said matched result transmitted from said EC server

20   to a person who delivers said article.

       18.   A method to deliver an article to a recipient in accordance

with claim 13, wherein:

said biometrics data inputted at the time when said article was delivered is stored as verified information for the person who received

5   said article.

19.   A method to deliver an article to a recipient in accordance with claim 14, wherein:

said biometrics data inputted at the time when said article was delivered is stored as verified information for the person who received

5   said article.

20.   A method to deliver an article to a recipient in accordance with claim 15, wherein:

said biometrics data inputted at the time when said article was delivered is stored as verified information for the person who received

5   said article.

21.   A method to deliver an article to a recipient in accordance with claim 16, wherein:

said biometrics data inputted at the time when said article was delivered is stored as verified information for the person who received

5   said article.

22.   A method to deliver an article to a recipient in accordance with claim 17, wherein:

said biometrics data inputted at the time when said article was delivered is stored as verified information for the person who received

5   said article.

23.   A method to deliver an article to a recipient in accordance with claim 14, wherein:

said biometrics data presented by said person who made said delivery order is encrypted by using a secret code inputted by said person who made said delivery order, and encrypted said biometrics data is decrypted by using a secret code inputted by said person who is to receive delivered said article when said article is delivered, and said decrypted biometrics data is matched with said biometrics data presented by said person who is to receive delivered said article.

24. A method to deliver an article to a recipient in accordance with claim 15, wherein:

said biometrics data presented by said person who made said delivery order is encrypted by using a secret code inputted by said person who made said delivery order and encrypted said biometrics data is transmitted to the destination of said article from an ordering terminal, and transmitted encrypted said biometrics data is decrypted by using a secret code inputted by said person who is to receive delivered said article when said article is delivered, and said decrypted biometrics data is matched with said biometrics data presented by said person who is to receive delivered said article when said article is delivered at said destination.

25. A method to deliver an article to a recipient in accordance with claim 16, wherein:

said biometrics data presented by said person who made said delivery order is encrypted by using a secret code inputted by said person who made said delivery order and encrypted said biometrics data is transmitted from an ordering terminal and stored in said portable terminal, and transmitted encrypted said biometrics data is decrypted by using a secret code inputted to said portable terminal by said person who is to receive delivered said article when said article is delivered, and said

10   decrypted biometrics data is matched with said biometrics data presented by said person who is to receive delivered said article when said article is delivered at said place where said article is delivered.

26.   A method to deliver an article to a recipient in accordance with claim 17, further comprising the steps of:

encrypting said biometrics data presented by said person who made said delivery order by using a secret code inputted by said person

5   who made said delivery order when said delivery order was made at said inputting terminal;

transmitting encrypted said biometrics data to said EC server from said inputting terminal;

decrypting at said EC server encrypted said biometrics data by

10   using a secret code inputted by said person who is to receive said article and transmitted from said person verifying terminal; and

matching said biometrics data presented by said person who is to receive said article with decrypted said biometrics data at said EC server.

27.   A method to deliver an article to a recipient in accordance with claim 13, wherein:

said biometrics data is a fingerprint.

28.   A method to deliver an article to a recipient in accordance with claim 14, wherein:

said biometrics data is a fingerprint.

29.   A method to deliver an article to a recipient in accordance with claim 15, wherein:

said biometrics data is a fingerprint.

30. A method to deliver an article to a recipient in accordance with claim 16, wherein:

said biometrics data is a fingerprint.

31. A method to deliver an article to a recipient in accordance with claim 17, wherein:

said biometrics data is a fingerprint.

32. A system to deliver an article to a recipient, in which plural ordering terminals, an EC server, and plural person verifying terminals, are connected through a network, wherein:

each of said plural ordering terminals, comprising:

5   an order information inputting section to which a person who makes an order for an article inputs order information including the destination of said article when said article is ordered;

an ordering side feature extracting section for extracting the biometrics data of said person who made said order for said article; and

10   a transmitting and receiving section that transmits said biometrics data extracted at said ordering side feature extracting section and said order information inputted from said order information inputting section to said EC server through said network, and

said EC server, comprising:

15   a transmitting destination deciding section that transmits said biometrics data transmitted from said ordering terminal to a person verifying terminal corresponding to said destination in said order information transmitted from said ordering terminal through said network, and

20   each of said plural person verifying terminals, comprising:

a verifying side feature extracting section for extracting the

biometrics data of a person who is to receive delivered said article when said article is delivered; and

a feature matching section for matching said biometrics data extracted at said verifying side feature extracting section with said biometrics data transmitted from said EC server, and for showing the matched result of said two biometrics data to an article delivering person.

33. A system to deliver an article to a recipient in accordance with claim 32, wherein:

each of said plural ordering terminals, further comprising:

a feature encrypting section for encrypting said biometrics data extracted at said ordering side feature extracting section by using a secret code inputted by said person who made said order; and

a transmitting and receiving section for encrypted data that transmits said biometrics data encrypted at said feature encrypting section and said order information inputted from said order information inputting section to said EC server through said network, instead of said transmitting and receiving section, and

said EC server, comprising:

a transmitting destination deciding section for encrypted data that transmits encrypted said biometrics data transmitted from said ordering terminal to a person verifying terminal corresponding to said destination in said order information transmitted from said ordering terminal through said network, instead of said transmitting destination deciding section, and

each of said plural person verifying terminals, further comprising:

a feature decrypting section for decrypting said encrypted biometrics data transmitted from said EC server by using a secret code

inputted by said person who is to receive said article; and

a feature matching section for decrypted data for matching
25 said biometrics data extracted at said verifying side feature extracting
section with said biometrics data decrypted at said feature decrypting
section, and for showing the matched result of said two biometrics data
to said article delivering person.

34. A system to deliver an article to a recipient in accordance
with claim 32, wherein:

said feature matching section makes said biometrics data
extracted at said verifying side feature extracting section and
5 information specifying said article that was delivered to said person who
received a pair, and makes said pair verified information, and transmits
said verified information to said EC server through said network, when
said matched result is equal, and

said EC server further comprising:
10 a verified information controlling section that makes verified
information storage store said verified information transmitted from said
feature matching section.

35. A system to deliver an article to a recipient, in which
plural ordering terminals, an EC server, and plural delivery stations, are
connected through a network, and also provides plural person verifying
portable terminals that are carried by delivery persons, wherein:

5 each of said plural ordering terminals, comprising:

an order information inputting section to which a person who
makes an order for an article inputs order information including the
destination of said article when said article is ordered;

an ordering side feature extracting section for extracting the
10 biometrics data of said person who made said order for said article; and

a transmitting and receiving section that transmits said biometrics data extracted at said ordering side feature extracting section and said order information inputted from said order information inputting section to said EC server through said network, and

15   said EC server, comprising:

a transmitting destination deciding section that transmits said biometrics data transmitted from said ordering terminal to one of said plural delivery stations corresponding to said destination in said order information transmitted from said ordering terminal through said

20   network, and

each of said plural delivery stations, comprising:

a loading unit for person verifying portable terminal that stores said biometrics data transmitted from said EC server, and loads said stored biometrics data on a person verifying portable terminal that

25   required loading, and

each of said plural person verifying portable terminals, comprising:

a verifying side feature extracting section for extracting the biometrics data of a person who is to receive said article when said

30   article is delivered; and

a feature matching section for matching said biometrics data extracted at said verifying side feature extracting section with said biometrics data loaded from said loading unit for person verifying portable terminal, and for showing the matched result of said two

35   biometrics data to said delivery person.

36.   A system to deliver an article to a recipient in accordance with claim 35, wherein:

each of said plural ordering terminals, further comprising:

a feature encrypting section for encrypting said biometrics

5   data extracted at said ordering side feature extracting section by using a secret code inputted by said person who made said order; and

a transmitting and receiving section for encrypted data that transmits said biometrics data encrypted at said feature encrypting section and said order information inputted from said order information

10   inputting section to said EC server through said network, instead of said transmitting and receiving section, and

said EC server, comprising:

a transmitting destination deciding section for encrypted data that transmits said encrypted biometrics data transmitted from said

15   ordering terminal to a delivery station corresponding to said destination in said order information transmitted from said ordering terminal through said network, instead of said transmitting destination deciding section, and

each of said delivery stations, comprising:

20   a loading unit for person verifying portable terminal for encrypted data that stores said encrypted biometrics data transmitted from said EC server, and loads said stored encrypted biometrics data on a person verifying portable terminal that required loading, instead of said loading unit for person verifying portable terminal, and

25   each of said plural person verifying portable terminals, further comprising:

a feature decrypting section for decrypting said encrypted biometrics data loaded from said loading unit for person verifying portable terminal by using a secret code inputted by said person who is

30   to receive said article; and

a feature matching section for decrypted data for matching said biometrics data extracted at said verifying side feature extracting section with said biometrics data decrypted at said feature decrypting section, and for showing the matched result of said two biometrics data

35   to said delivery person, instead of said feature matching section.

37.   A system to deliver an article to a recipient in accordance with claim 35, wherein:

said feature matching section makes said biometrics data of said person who received said article extracted at said verifying side

5   feature extracting section and information specifying said article delivered to said person who received said article a pair, and makes said pair verified information, and makes verified information temporary storage store said verified information, when the matched result is equal, and

10   each of said plural delivery stations, further comprising:

an upload unit for transmitting said verified information stored in said verified information temporary storage of said person verifying portable terminal that required upload to said EC server, and

said EC server further comprising:

15   a verified information controlling section that makes verified information storage store said verified information transmitted from said upload unit.

38.   A system to deliver an article to a recipient, in which plural ordering terminals, an EC server, and plural person verifying terminals, are connected through a network, wherein:

each of said plural ordering terminals, comprising:

5   an order information inputting section to which a person who makes an order for an article inputs order information including the destination of said article when said article is ordered;

an ordering side feature extracting section for extracting the biometrics data of said person who made said order for said article; and

10   a transmitting and receiving section that transmits said

biometrics data extracted at said ordering side feature extracting section and said order information inputted from said order information inputting section to said EC server through said network, and

said EC server, comprising:

15 an order receiving section for making person information storage store said biometrics data transmitted from said ordering terminal; and

a feature matching section for matching the biometrics data transmitted from one of said plural person verifying terminals with said 20 biometrics data stored in said person information storage, and for transmitting the matched result to said one of said plural person verifying terminals, and

each of said plural person verifying terminals, comprising:

a verifying side feature extracting section for extracting the 25 biometrics data of a person who is to receive said article when said article is delivered; and

a controlling section for transmitting said biometrics data extracted at said verifying side feature extracting section to said EC server, and also for showing the matched result transmitted from said 30 EC server to an article delivering person.

39. A system to deliver an article to a recipient in accordance with claim 38, wherein:

each of said plural ordering terminals, further comprising:

a feature encrypting section for encrypting said biometrics 5 data extracted at said ordering side feature extracting section by using a secret code inputted by said person who made said order; and

a transmitting and receiving section for encrypted data that transmits said biometrics data encrypted at said feature encrypting section and said order information inputted from said order information

10   inputting section to said EC server through said network, instead of said transmitting and receiving section, and

said EC server, comprising:

an order receiving section for encrypted data for making said person information storage store said encrypted biometrics data

15   transmitted from said ordering terminal, instead of said order receiving section;

a feature decrypting section for decrypting said encrypted biometrics data stored in said person information storage by using a secret code transmitted from one of said plural person verifying

20   terminals; and

a feature matching section for decrypted data for matching said biometrics data transmitted from one of said plural person verifying terminals with said biometrics data decrypted at said feature decrypting section, and for transmitting the matched result of said two biometrics

25   data to said one of said plural person verifying terminals, instead of said feature matching section, and

each of said plural person verifying terminals, comprising:

a controlling section for decrypted data for transmitting said biometrics data of said person who is to receive said article and said

30   secret code inputted by said person who is to receive said article to said EC server, and also for showing the matched result transmitted from said EC server to an article delivering person, instead of said controlling section.

40.   A system to deliver an article to a recipient in accordance with claim 38, wherein:

said each of said plural person verifying terminals, comprising:

another controlling section that transmits a pair of said

5   biometrics data extracted at said verifying side feature extracting section

and information specifying said article delivered to said person who is to receive said article to said EC server through said network, and shows the matched result transmitted from said EC server to an article delivering person, instead of said controlling section, and wherein:

10   said feature matching section makes verified information storage store said pair of said biometrics data transmitted from said one of said plural person verifying terminals and said information specifying said article, when said matched result is equal.

        41.   A system to deliver an article to a recipient in accordance with claim 32, wherein:

said biometrics data is a fingerprint.

        42.   A system to deliver an article to a recipient in accordance with claim 35, wherein:

said biometrics data is a fingerprint.

        43.   A system to deliver an article to a recipient in accordance with claim 38, wherein:

said biometrics data is a fingerprint.

        44.   A computer program storing medium, in which programs for making a computer in each of plural ordering terminals, a computer in an EC server, and a computer in each of plural person verifying terminals work are stored, wherein:

5   said programs in said computer in each of said plural ordering terminals, realizing:

an order information inputting section to which a person who makes an order for an article inputs order information including the destination of said article when said article is ordered;

10   an ordering side feature extracting section for extracting the biometrics data of said person who made said order for said article; and

a transmitting and receiving section that transmits said biometrics data extracted at said ordering side feature extracting section and said order information inputted from said order information

15   inputting section to said EC server through said network, and

said programs in said computer in said EC server, realizing:

a transmitting destination deciding section that transmits said biometrics data transmitted from said ordering terminal to a person verifying terminal corresponding to said destination in said order

20   information transmitted from said ordering terminal through said network, and

said programs in said computer in each of said plural person verifying terminals, realizing:

a verifying side feature extracting section for extracting the

25   biometrics data of a person who is to receive delivered said article when said article is delivered; and

a feature matching section for matching said biometrics data extracted at said verifying side feature extracting section with said biometrics data transmitted from said EC server, and for showing the

30   matched result of said two biometrics data to an article delivering person.

45.   A computer program storing medium, in which programs for making a computer in each of plural ordering terminals, a computer in an EC server, a computer in each of plural delivery stations, and a computer in each of plural person verifying portable terminals work are

5   stored, wherein:

said programs in said computer in each of said plural ordering terminals, realizing:

an order information inputting section to which a person who makes an order for an article inputs order information including the destination of said article when said article is ordered;

an ordering side feature extracting section for extracting the biometrics data of said person who made said order for said article; and

a transmitting and receiving section that transmits said biometrics data extracted at said ordering side feature extracting section and said order information inputted from said order information inputting section to said EC server through said network, and

said programs in said computer in said EC server, realizing:

a transmitting destination deciding section that transmits said biometrics data transmitted from said ordering terminal to one of said plural delivery stations corresponding to said destination in said order information transmitted from said ordering terminal through said network, and

said programs in said computer in each of said plural delivery stations, realizing:

a loading unit for person verifying portable terminal that stores said biometrics data transmitted from said EC server, and loads said stored biometrics data on a person verifying portable terminal that required loading, and

said programs in said computer in each of said plural person verifying portable terminals, realizing:

a verifying side feature extracting section for extracting the biometrics data of a person who is to receive said article when said article is delivered; and

a feature matching section for matching said biometrics data extracted at said verifying side feature extracting section with said biometrics data loaded from said loading unit for person verifying portable terminal, and for showing the matched result of said two

biometrics data to said delivery person.

46. A computer program storing medium, in which programs for making a computer in each of plural ordering terminals, a computer in an EC server, and a computer in each of plural person verifying terminals work are stored, wherein:

5   said programs in said computer in each of said plural ordering terminals, realizing:

an order information inputting section to which a person who makes an order for an article inputs order information including the destination of said article when said article is ordered;

10   an ordering side feature extracting section for extracting the biometrics data of said person who made said order for said article; and

a transmitting and receiving section that transmits said biometrics data extracted at said ordering side feature extracting section and said order information inputted from said order information

15   inputting section to said EC server through said network, and

said programs in said computer in said EC server, realizing:

an order receiving section for making person information storage store said biometrics data transmitted from said ordering terminal; and

20   a feature matching section for matching the biometrics data transmitted from one of said plural person verifying terminals with said biometrics data stored in said person information storage, and for transmitting the matched result to said one of said plural person verifying terminals, and

25   said programs in said computer in each of said plural person verifying terminals, realizing:

a verifying side feature extracting section for extracting the biometrics data of a person who is to receive said article when said

article is delivered; and

30   a controlling section for transmitting said biometrics data extracted at said verifying side feature extracting section to said EC server, and also for showing the matched result transmitted from said EC server to an article delivering person.